

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.12**DAILY PROJECT JOURNAL****Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Report No:** DPJ-000738**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 01-May-2008**Location:** Changxing Island, Shanghai, PRC

Submittals(New / Total): **CWR's:** / **HSR's:** / **NCR's:** /

Item	Title	Detail
1	Key conversations	<p>ISMR met with Caltrans Engineers Scott Kennedy, Doug Coe, Ching Chao and Jim Reid regarding the active load heat straightening of diaphragm plates that ZPMC had been witnessed performing. ZPMC Fabrication Plan step 6.2 states that if required, heat straightening shall be performed in accordance with the WQCP. ZPMC WQCP Section 11 states that restraining forces may be used in accordance with a procedure as approved by the Engineer. This process had not been approved by the Engineer. Section 11 also states that the loads applied shall not exceed the yield strength of the reduced strength (hot) material. ISMR pointed out during this meeting that the heat-input allowance for the diaphragm plates should be closely monitored as well since it is quenched-and-tempered material. ISMR later checked with ABF Engineer Jeff Evans who confirmed that he had reviewed ZPMC's heat straightening reports and they were within the heat-input requirements of the AWS D1.5 Code.</p>

Inspected By: McReynolds,Robert

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QA Reviewer